CaseStudy2 class

The main class of
the program where
ATM is instantiated.

ATM Class

Instance Variables:
private Scanner in;
private BankDatabase BankDB;
private AllDatabase AllDB;
private int requiredIndex;
private boolean completedOps;
private static Customer customer;

Methods:
ATM();
private void closeBank();
public void start();
private enter();
private void bankenterance();
private void login();
private void screen();
private void setCustomerBalance();
private void setCustomerBalance(int bal);
private void withdraw();
private void deposit();

Customer Class

Instance Variables :
private int index;
private String bankId;
private String accNum;
private int balance;

Methods :
public void setIndex(int id);
public int getIndex();
public void setBankID(String bid);
public void setAccountNumber(String accountNumber)
public String getAccountNumber();
public void setBalance(int bal);
public int getBalance();

Database Interface

public void establishDB();
public int getIndexByBankID(String bankID);
public void closeConnection();
public String getAccountNumber(int index);
public int getPIN(int index);
public int getBalance(int index);
public void updateBalance(int index, int newbal);

BankDatabase Class

Uses BankCustomers.db
Contains data of people from this bank only.

Instance variables:
Connection bankConnection:
Statement bankStatement;

Extra Methods implemented:
public String getBankID(int index);
public boolean ifExists(int index);

AllDatabase Class

Uses AllBankCustomers.db
Contains data of people from this and other banks.

Instance Variables:
Connection allConnection;
Statement allStatement;

No extra methods were implemented.